

Product characteristics

Active CompactLine module

AS-i flat cable connection

Sockets M12 x 1

IR addressing possible

Version 2.11 and 3.0 with extended addressing mode

Digital inputs

Electrical data

Electrical design

Operating voltage [V]

Total current consumption from AS-i [mA]

Inputs digital

Circuit

Sensor supply

Voltage range [V]

Max. current load for all inputs total [mA]

Input current limitation [mA]

Input current High/Low [mA]

Switching level High signal 1 [V]

Short-circuit proof

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

AS-i classification

AS-i version

Extended addressing mode possible

4 inputs

26.5...31.6 DC; cULus - Class 2 source required

< 250

PNP

AS-i

20...30 DC

200

15

6...10 / 0...2

> 11

yes

-25...80

IP 67; (enclosure type 1); when flat cables E7400x and E7401x are used

EN 50295

2.11 + 3.0

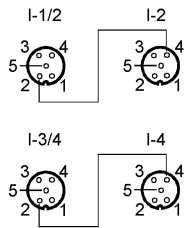
yes

AC2457 - Active CompactLine module - eclass: 27259090 / 27-25-90-90

AS-i profile	S-0.A.E				
I/O configuration [hex]	0				
ID code [Hex]	A.E				
AS-i certificate	40301				
Data bits	Data bit	D0	D1	D2	D3
	Input	1	2	3	4
	Socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4
	Pin	4	2 4	4	2 4
Mechanical data					
Housing materials	PA; socket: brass nickel-plated; threaded inserts in the lower part: brass nickel-plated; O-Ring (socket): Viton; Piercing contacts: CuSn6 surface nickel and tin-plated				
Weight [kg]	0.292				
Displays / operating elements					
Power LED	green				
Error LED	red				
Function display LED	yellow				

Electrical connection

Wiring



Inputs

- Pin 1: Sensor supply +
- Pin 2: Data input
- Pin 3: Sensor supply -
- Pin 4: Data input
- Pin 5: functional earth (FE)

Accessories

Accessories (optional)	stainless steel sleeve for installation in case of high mechanical stress (E70402)
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Remarks

Pack quantity [piece]	1
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